

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. MSEM1.053C3	APPLICATION NO. 10/719,498
O P E R A T I O N INFORMATION DISCLOSURE STATEMENT BY APPLICANT (USE SEVERAL SHEETS IF NECESSARY)		APPLICANT Hwangsoo Choi	
		FILING DATE November 20, 2003	GROUP 2880-2821

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
EA	1	4,204,141	05/20/80	Nuver	315	311	
EA	2	5,235,254	08/10/93	Ho	315	219	
EA	3	5,420,779	05/30/95	Payne	363	56	
EA	4	5,430,641	07/04/95	Kates	363	133	
EA	5	5,463,287	10/31/95	Kunihara, et al.	315	307	
EA	6	5,548,189	08/20/96	Williams	315	224	
EA	7	5,615,093	03/25/97	Nalbant	315	307	
EA	8	5,619,402	04/08/97	Liu	363	20	
EA	9	5,705,877	01/06/98	Shimada	310	318	
EA	10	5,796,213	08/18/98	Kawasaki	315	209R	
EA	11	5,844,540	12/01/98	Terasaki	345	102	
EA	12	5,854,617	12/29/98	Lee, et al.	345	102	
EA	13	5,859,489	01/12/99	Shimada	310	318	
EA	14	5,880,946	03/09/99	Biegel	363	75	
EA	15	5,886,477	03/23/99	Honbo, et al.	315	209PZ	
EA	16	5,892,336	04/6/99	Lin et al.	315	291	
EA	17	5,923,129	07/13/99	Henry	315	307	
EA	18	5,923,546	07/13/99	Shimada, et al.	363	40	
EA	19	5,925,988	07/20/99	Grave, et al.	315	248	
EA	20	5,931,021	07/27/99	Henry	62	613	
EA	21	5,939,830	08/17/99	Praiswater	315	264	
EA	22	6,011,360	01/04/00	Gradzki, et al.	315	244	
EA	23	6,104,146	08/15/00	Chou et al.	315	277	
EA	24	6,114,814	09/05/00	Shannon et al.	315	219	
EA	25	6,194,841	02/27/01	Takahashi, et al.	315	224	
EA	26	6,198,234	03/06/01	Henry	315	291	
EA	27	6,229,271	05/08/01	Liu	315	291	

EXAMINER	<i>Sophiem Almane</i>	DATE CONSIDERED
*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED. INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.		



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APPLICANT Hwangsoo Choi			
FILING DATE November 20, 2003		GROUP 282)	

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
EA	28	6,259,215	07/10/01	Roman	315	307	
EA	29	6,259,615	07/10/01	Lin	363	98	
EA	30	6,307,765	10/23/01	Choi	363	134	
ER	31	6,316,881	11/13/01	Shannon et al.	315	219	
EA	32	6,351,080	02/2002	Birk et al.	315	224	
EA	33	6,396,722	05/28/02	Lin	363	98	
EA	34	6,452,344	09/2002	MacAdam et al.	315	307	
EA	35	6,459,216	10/01/02	Tsai	315	294	
EA	36	6,469,922	10/22/02	Choi	315	DIG.4	
EA	37	6,515,881	02/04/03	Chou et al.	363	95	
EA	38	6,531,831	03/11/03	Chou et al.	315	DIG.4	
EA	39	6,559,606	05/06/03	Chou et al.	315	194	
EA	40	6,570,344	05/27/03	Lin	315	224	
EA	41	6,570,347	05/2003	Kastner	315	307	
EA	42	US23161164A1	08/28/03	Shannon et al.			
EA	43	US22180380A1	12/05/02	Lin			

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
							YES NO

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)						
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EXAMINER	<i>Edmund Alence</i>	DATE CONSIDERED
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